



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Monday September 7, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Strong cold front Tuesday into Wednesday**
  - **Areas of heavy rain/flash flooding across W OK into W&NW TX.**
  - **Snow accumulations with travel impacts in N NM.**
  - **Little to no snow accumulation for the TX/OK Panhandles; however, windy conditions and record cold temperatures expected.**
- **Tropical Weather Outlook**
  - **Two new Tropical Depressions formed overnight/this morning (TDI 7 and TDI 8). No immediate US impacts from either.**
  - **Two other areas are being monitored for possible tropical cyclone development. Neither expected to have significant US impacts in the next 5 days.**

# FEMA Region 6 Threat Matrix

Sep 7, 2020 - Sep 11, 2020



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms					
Heavy Rain / Flash Flooding		W OK W&NWTX	SW OK W&NWTX		
Fire Weather					
Tropical Winds / Surge					
Winter Weather		N NM TX/OK Panhandles	N NM TX/OK Panhandles		
River Flooding	LA,AR,ETX	LA,AR,ETX	LA,AR	LA,AR	LA,AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



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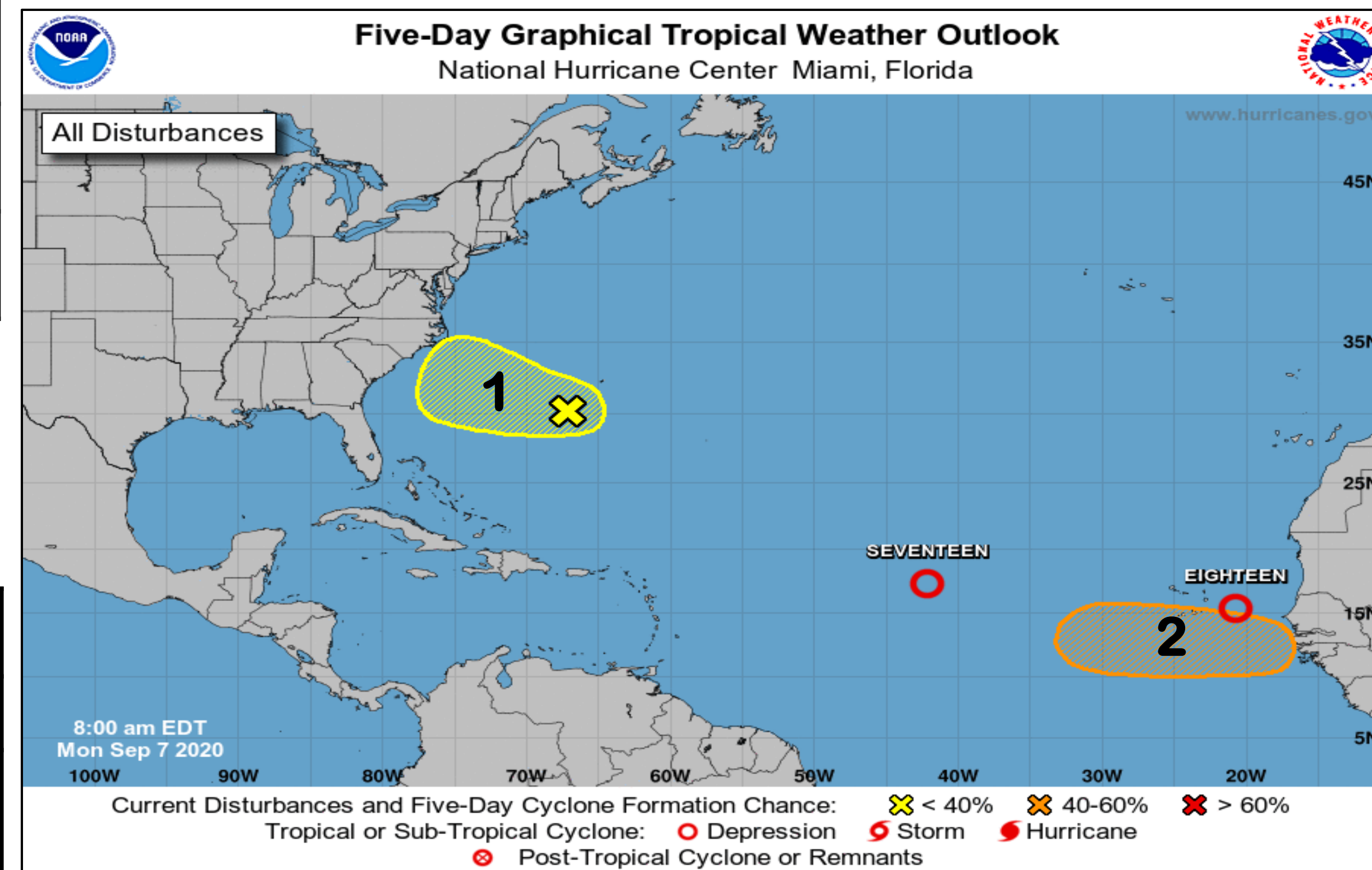
See next slide for more information

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Medium	None in the next 5 days.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
TD 17	None in the next 5 days.
TD 18	None in the next 5 days.



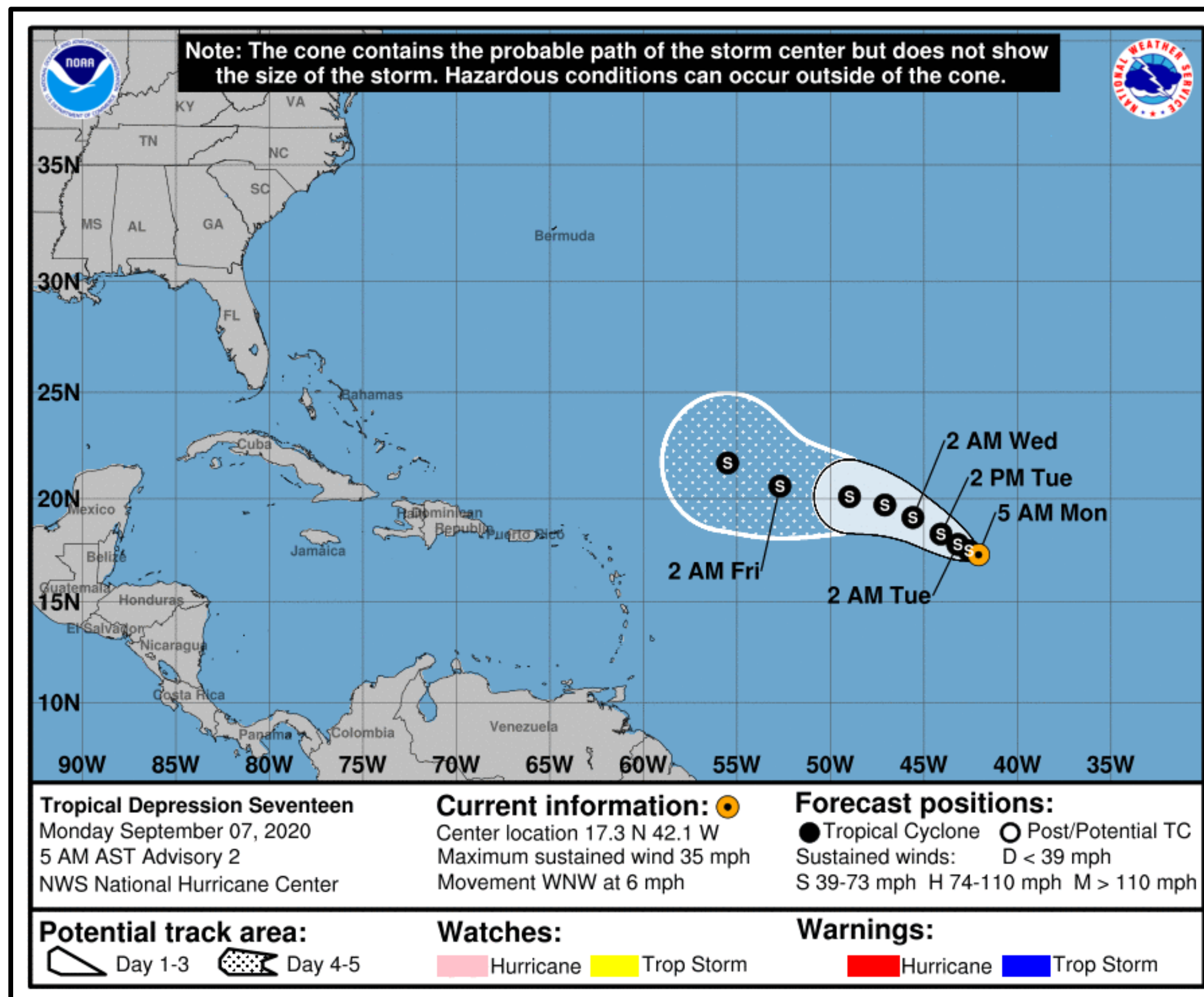


# Tropical Depressions Seventeen and Eighteen

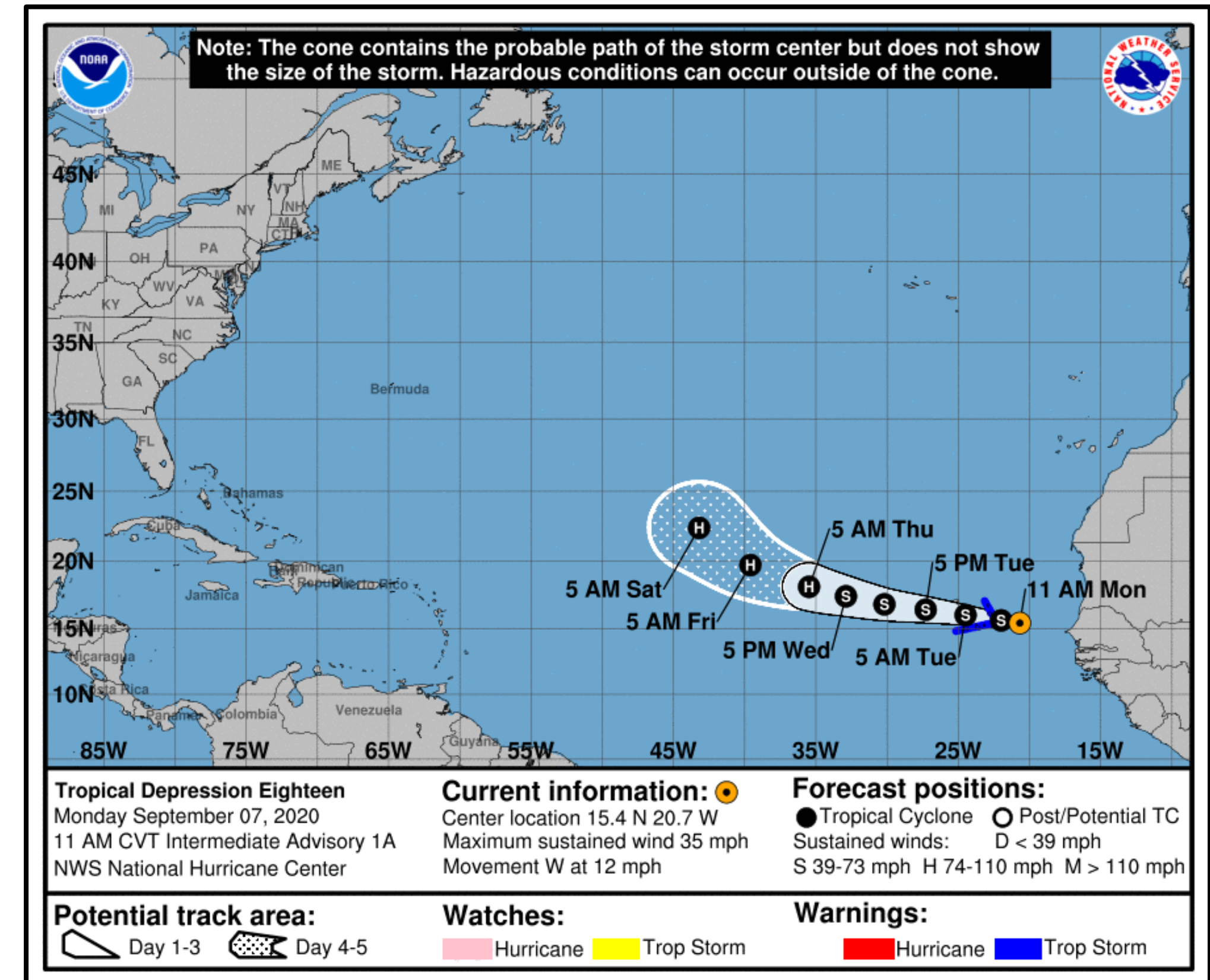


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**Tropical Depression Seventeen is expected to become a Tropical Storm later today.**  
**This storm will move slowly west-northwestward over the central Atlantic over the next five days with no immediate US impacts.**



**Tropical Depression Eighteen is expected to become a Tropical Storm later today and further strengthening to a Hurricane is expected later this week.**  
**This storm will move westward then northwestward over the eastern and central Atlantic over the next five days with no immediate US impacts.**



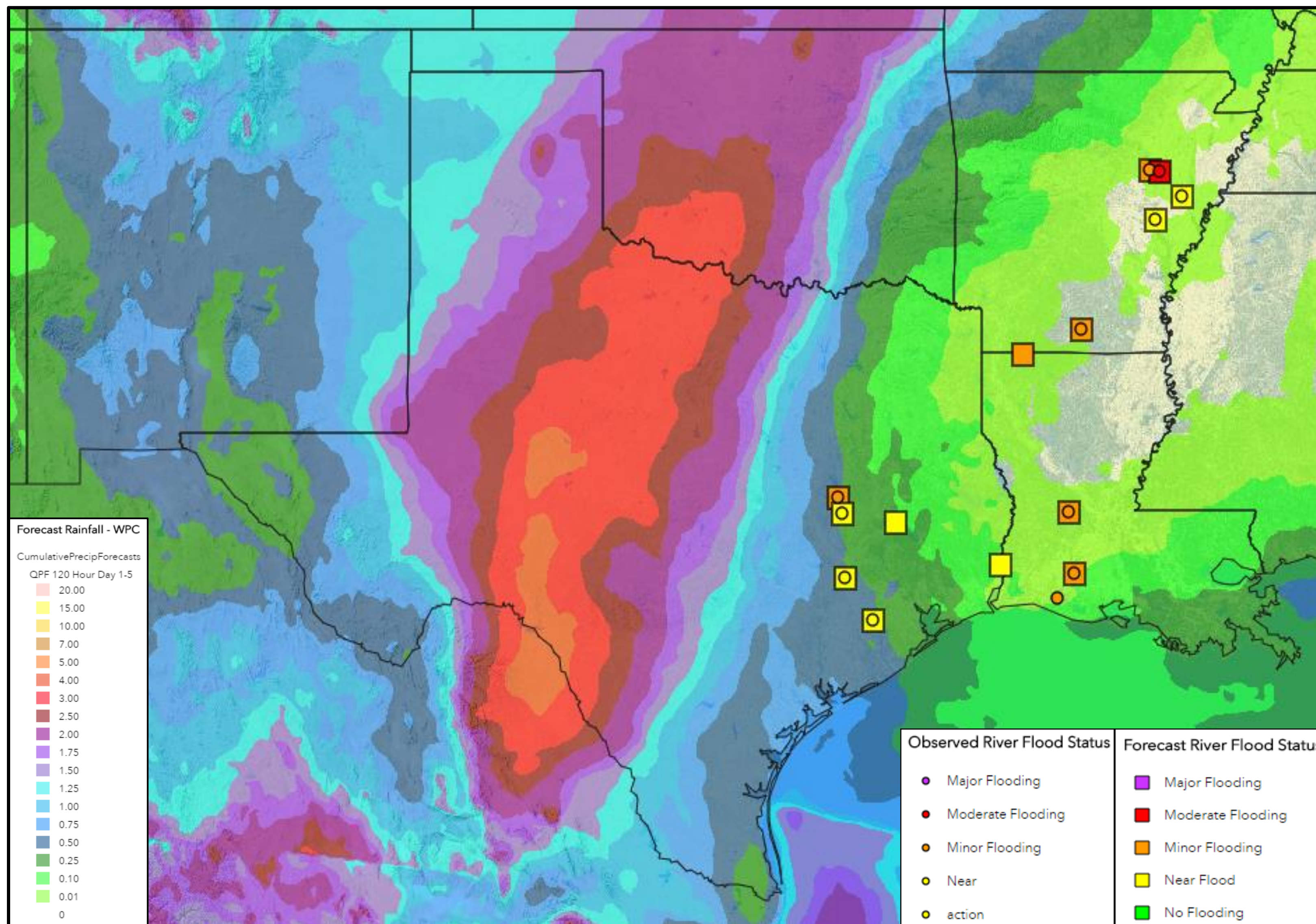


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding will continue in portions of LA, AR, and E TX this week with minor local impacts, primarily to agricultural, wooded, and/or low lying areas.**

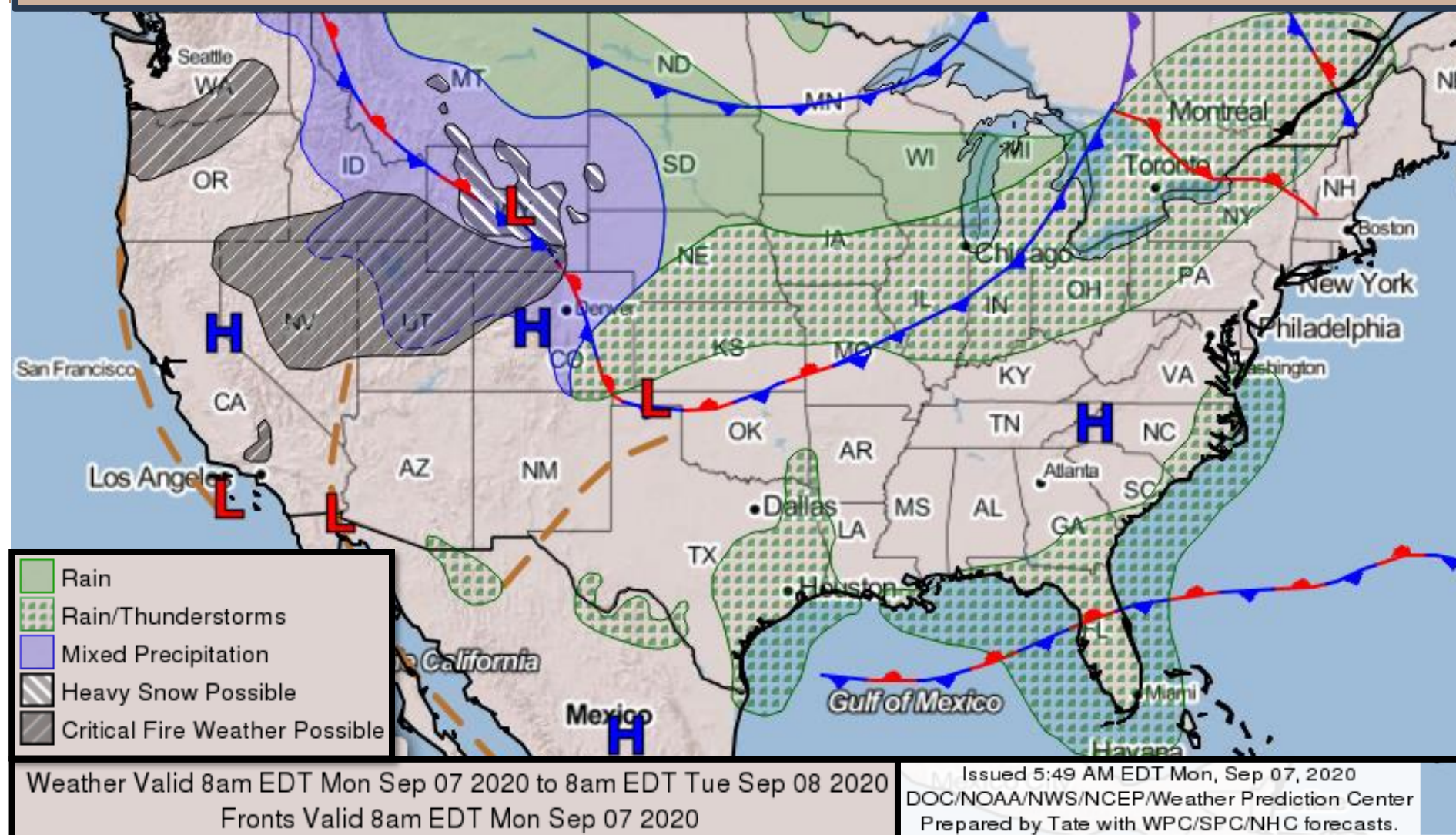
**The Cache River at Patterson in northeast AR remains in moderate flood. Many acres of cropland, pastures, and timberland flooded in Craighead, Jackson, and Woodruff counties. Recreational areas and roadways will flood. Water near homes on Pine Street in Patterson.**

**The forecast rainfall this week for OK into west/northwest TX is not expected to result in significant river flooding. Many of these areas are drought stricken, so this will be welcome rainfall. Action stage to minor river flooding is possible.**

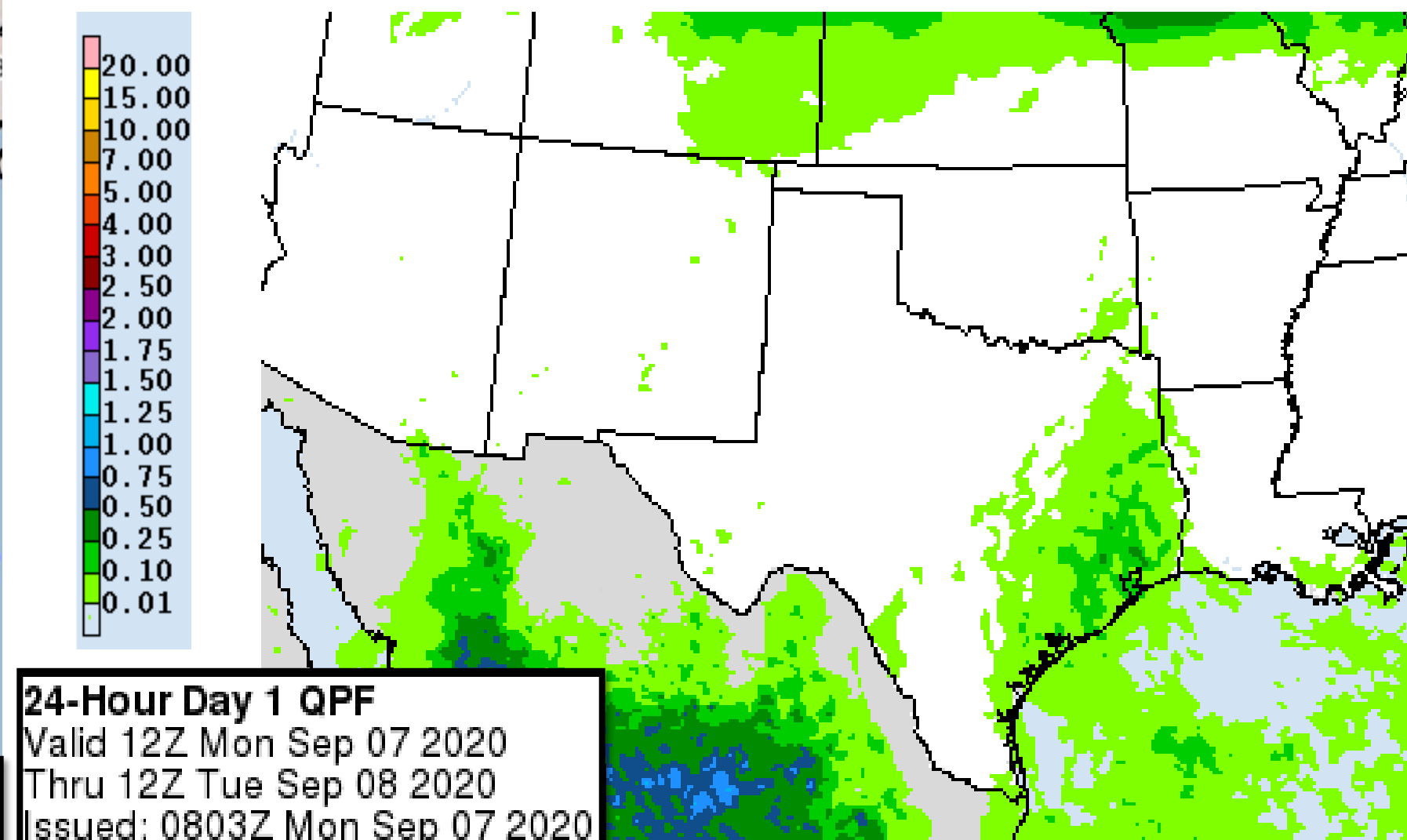


# Today's Weather

## Forecast Chart



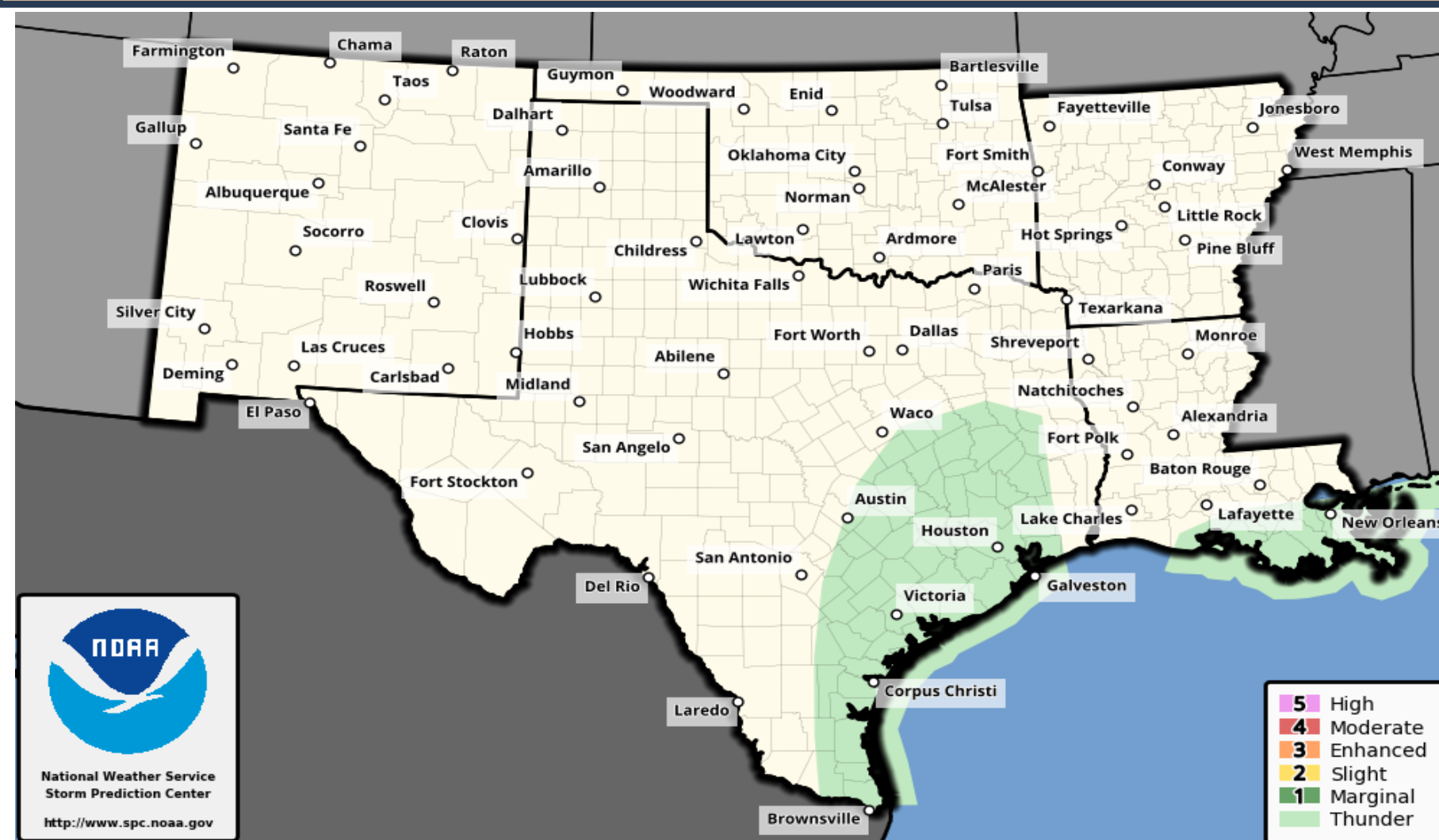
## Forecast Rainfall



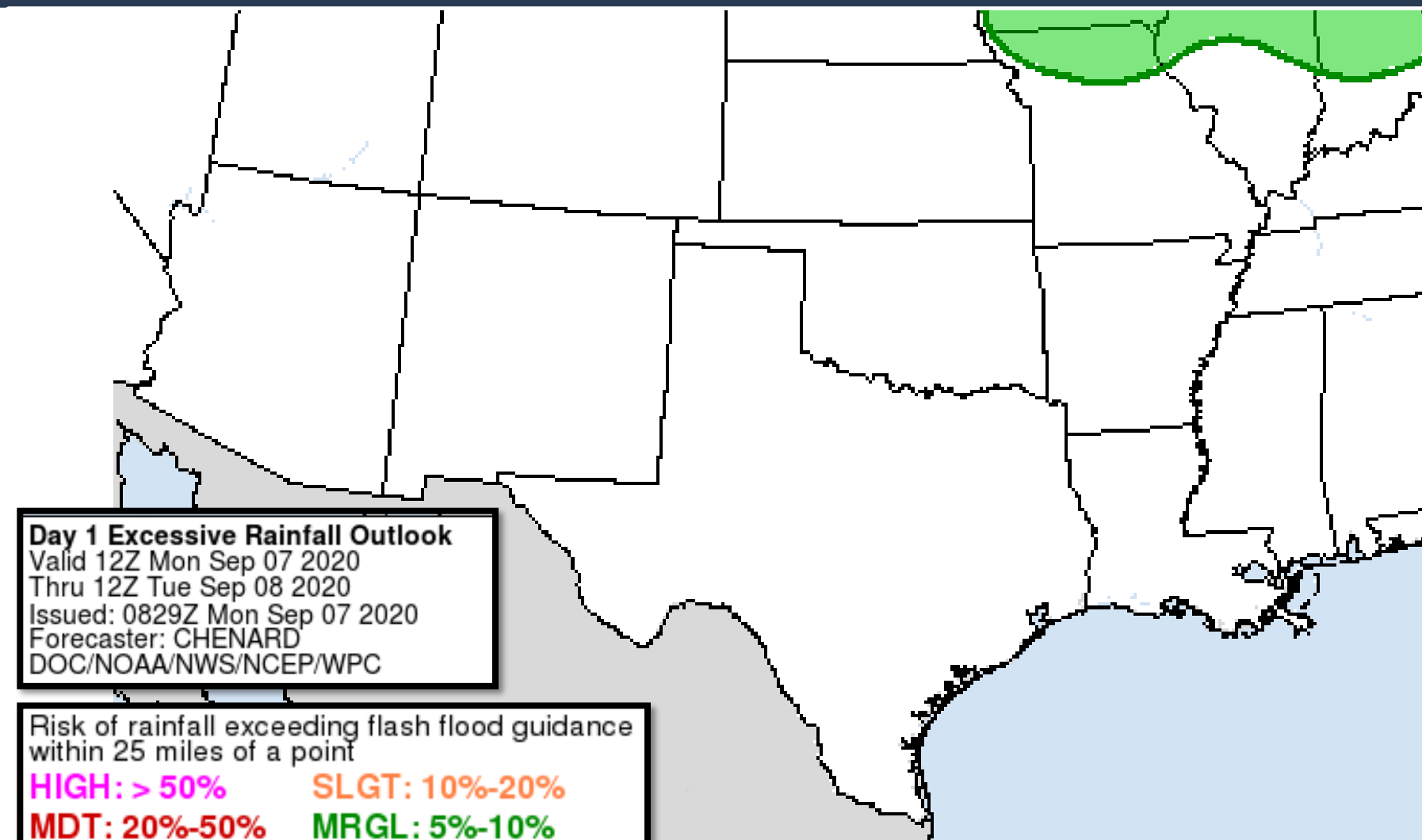
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No significant weather  
expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook





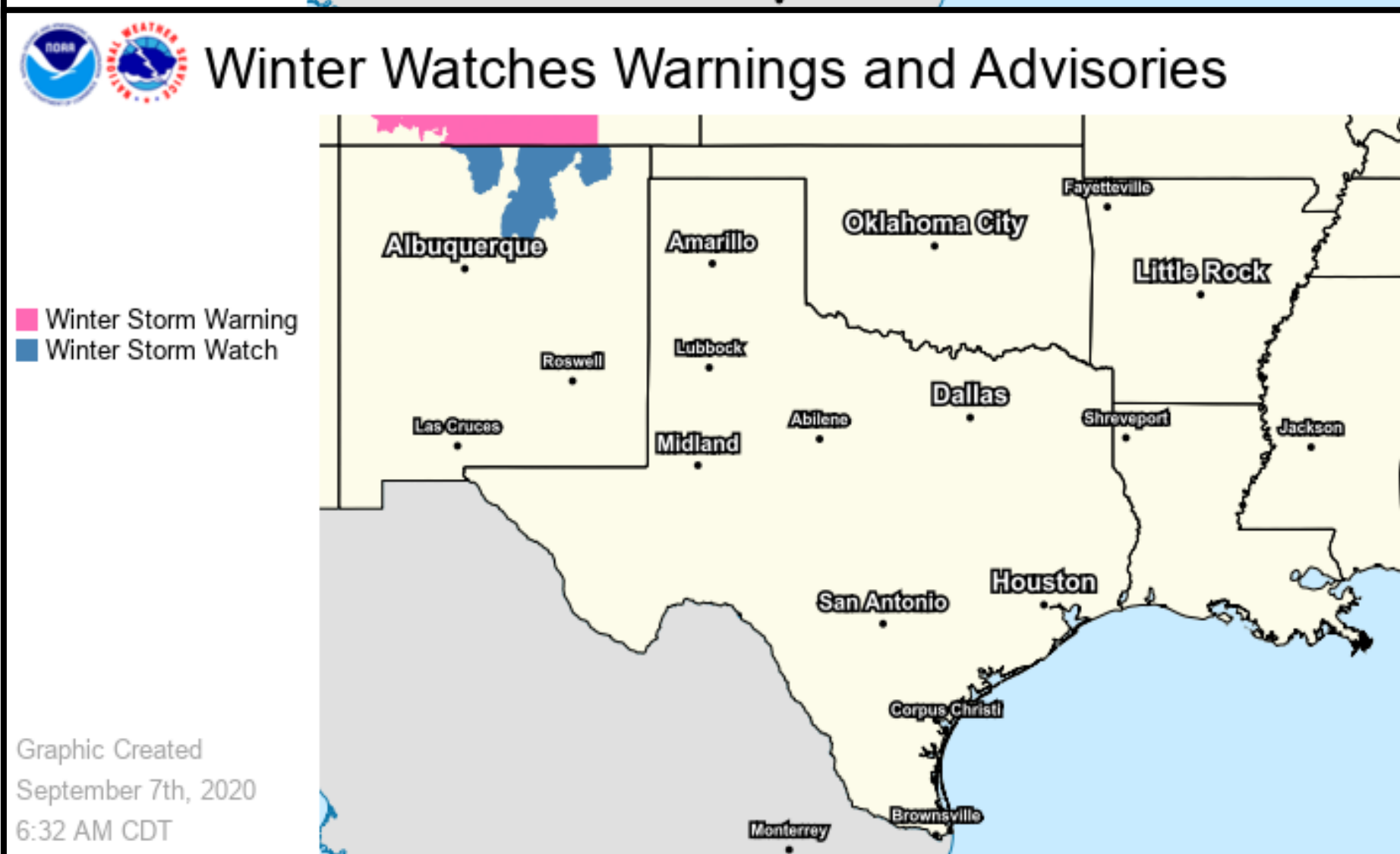
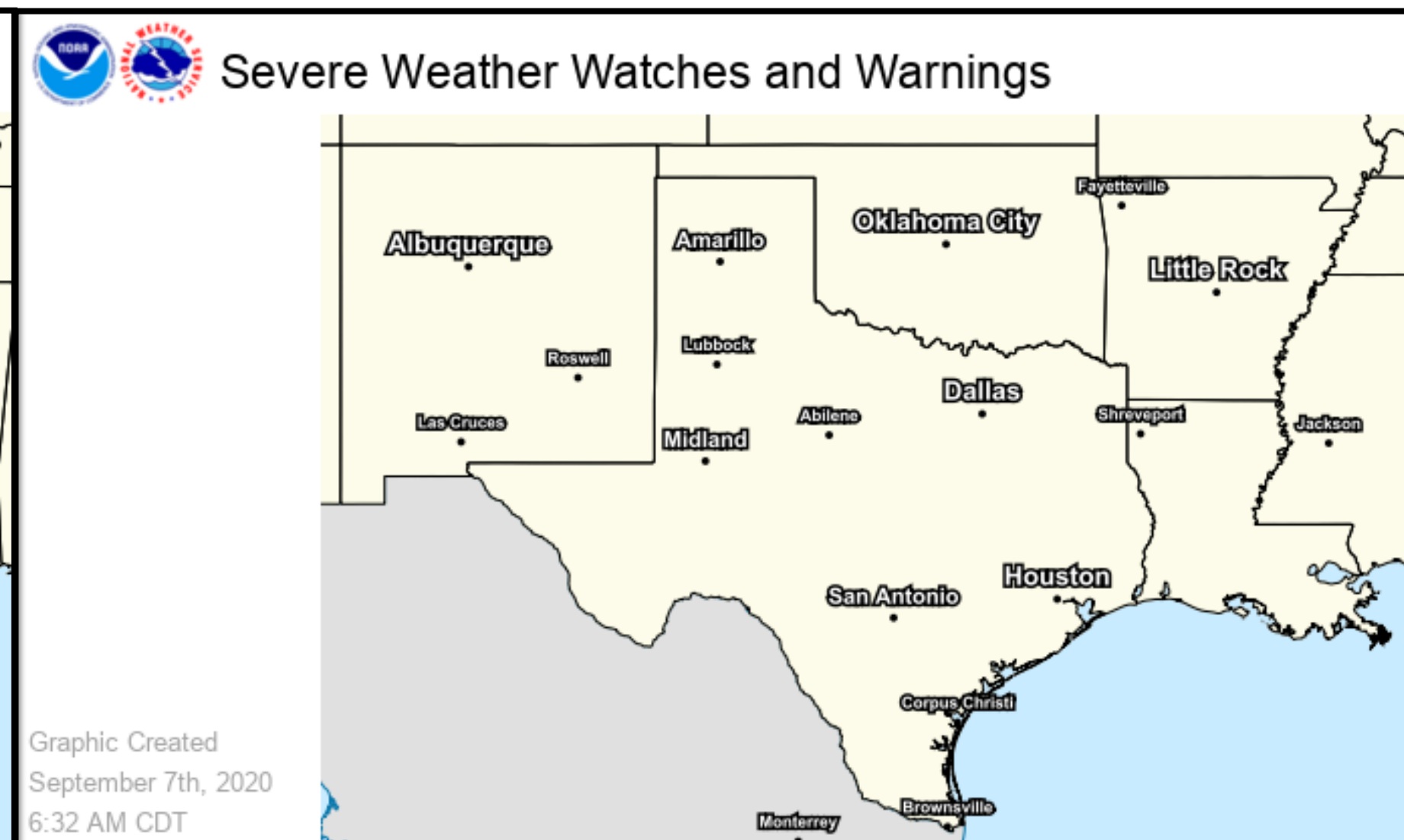
# Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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**Winter Storm Watches and High Wind Watches in effect for portions of northern NM from Tuesday evening through Wednesday evening.**





# Winter Weather

Monday - Wednesday



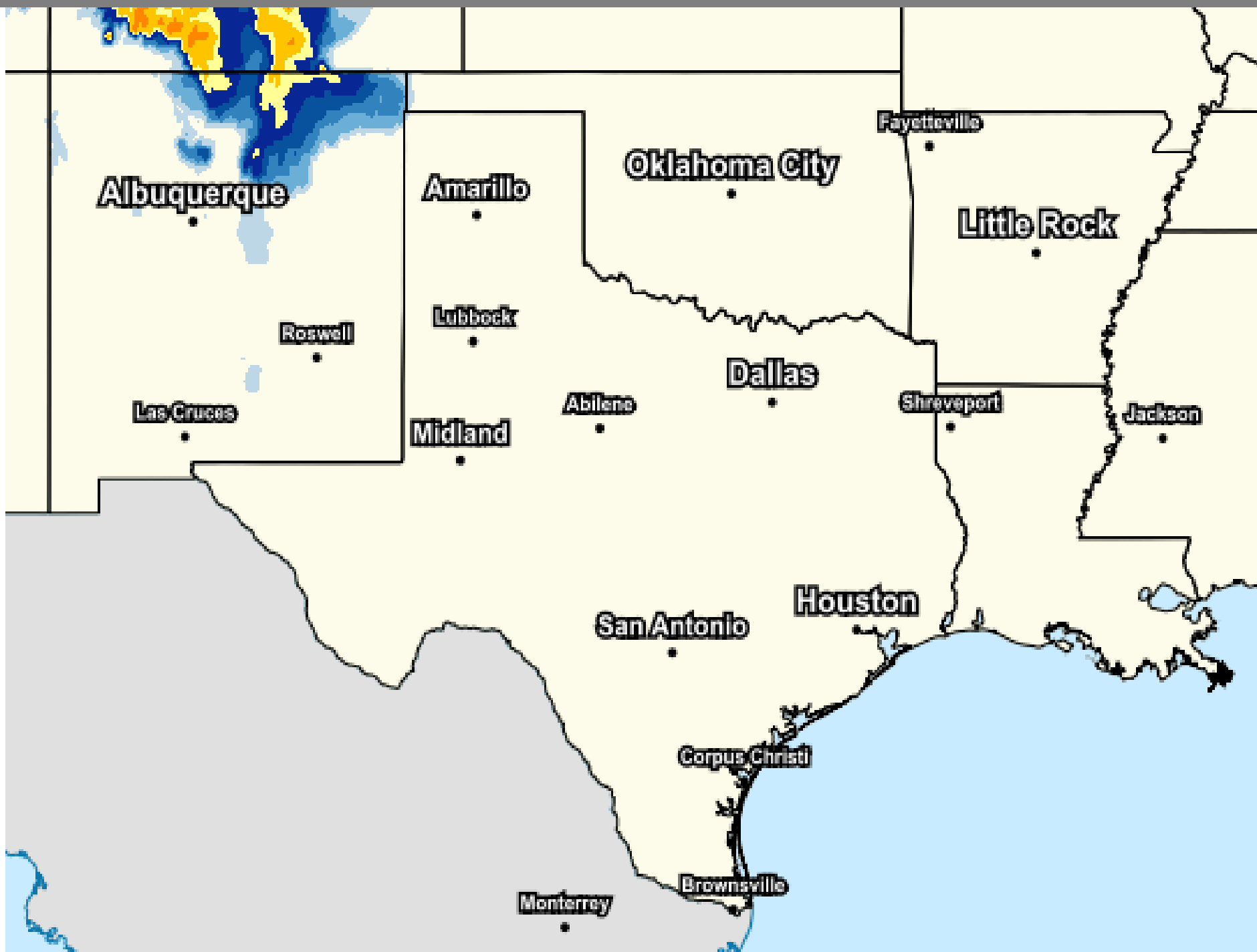
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## Forecast Snow Amounts

### Forecast Snowfall

Valid Ending Wednesday September 9th, 2020 at 7 PM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created  
September 7th, 2020  
6:32 AM CDT

## Forecast Ice Amounts

### Ice Accumulation Forecast

Valid Ending Wednesday September 9th, 2020 at 7 PM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created  
September 7th, 2020  
6:32 AM CDT

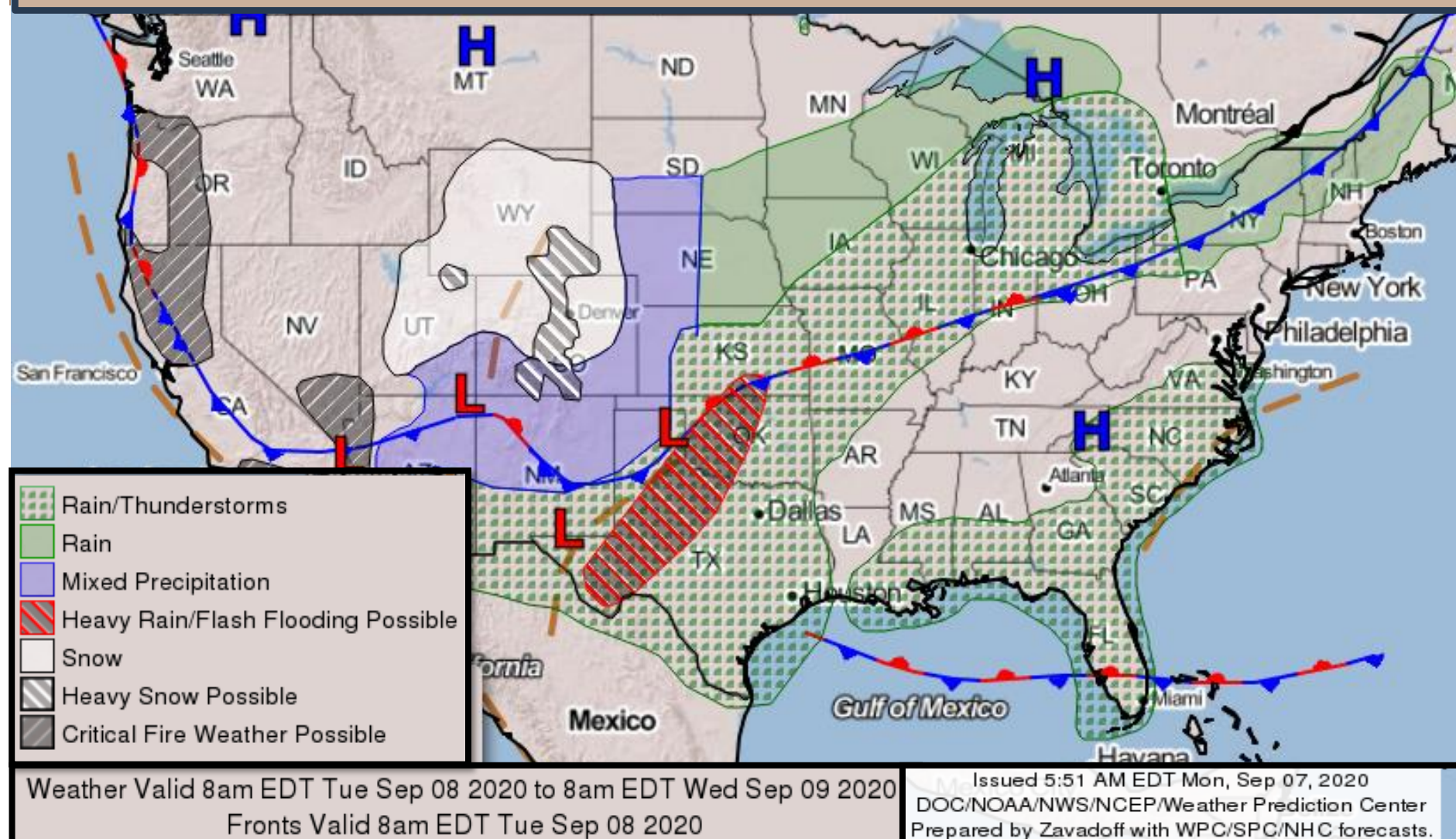


# Tomorrow's Weather

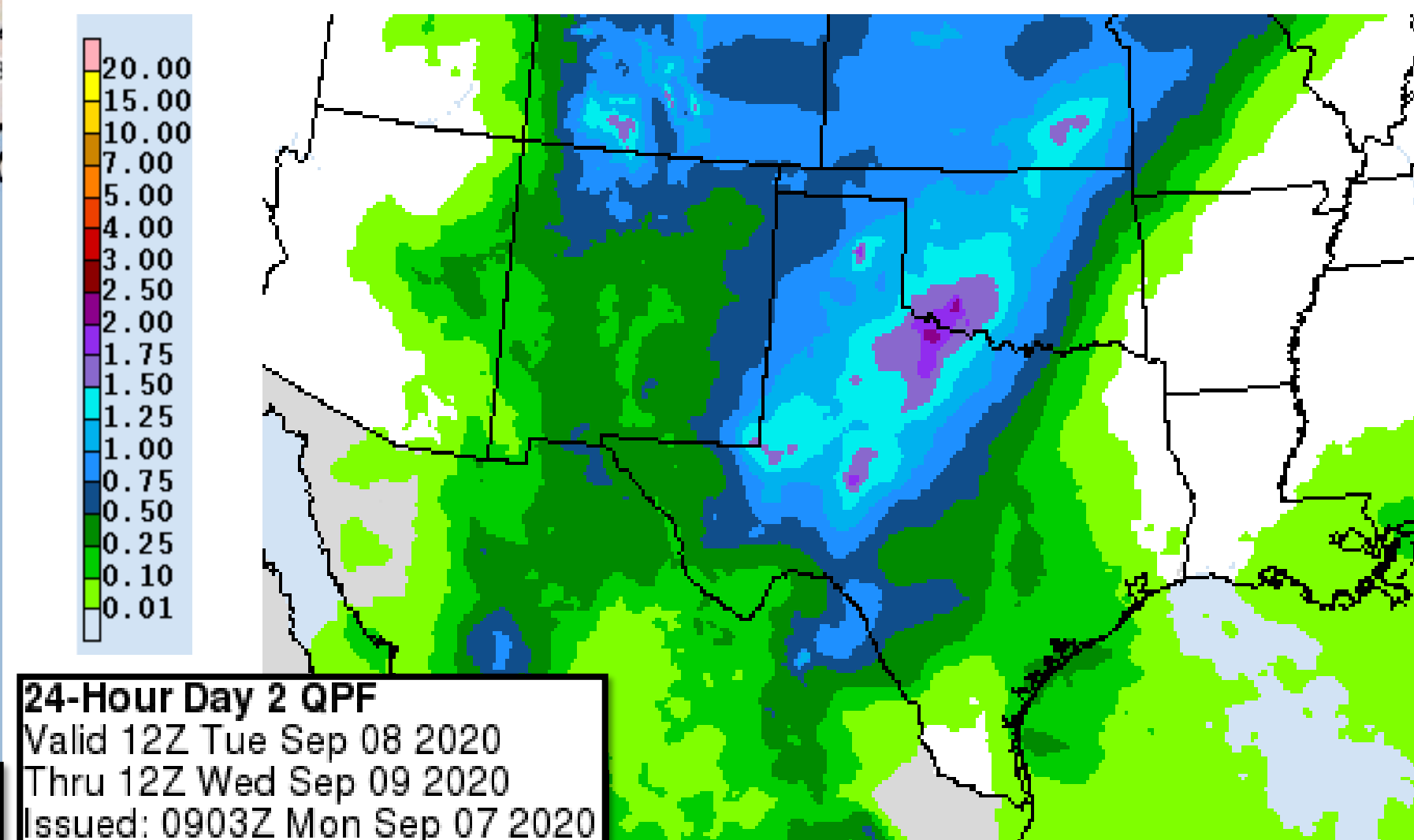


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## Forecast Chart



## Forecast Rainfall

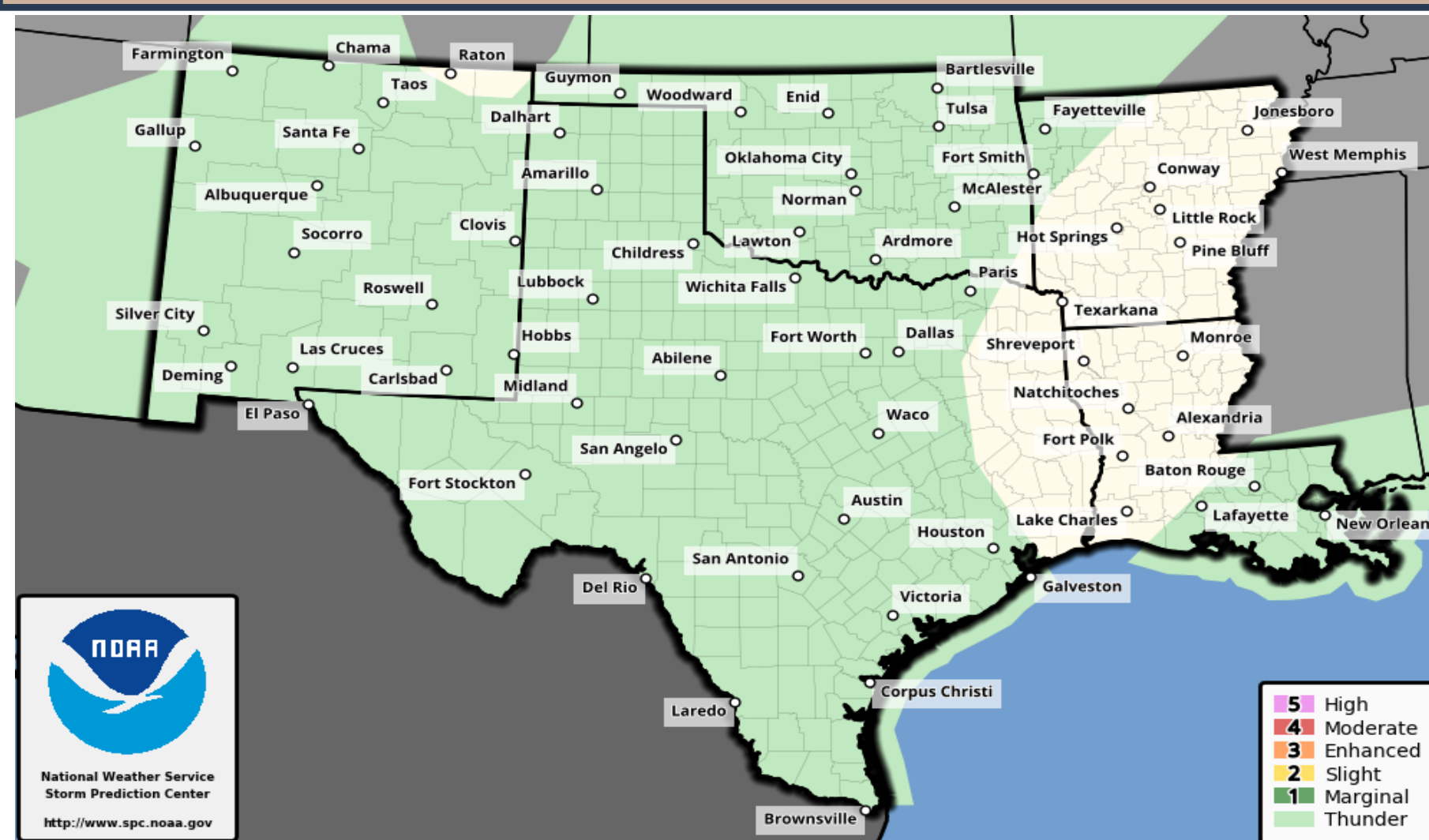


Areas of heavy rain/flash flooding across W OK into west and northwest TX.

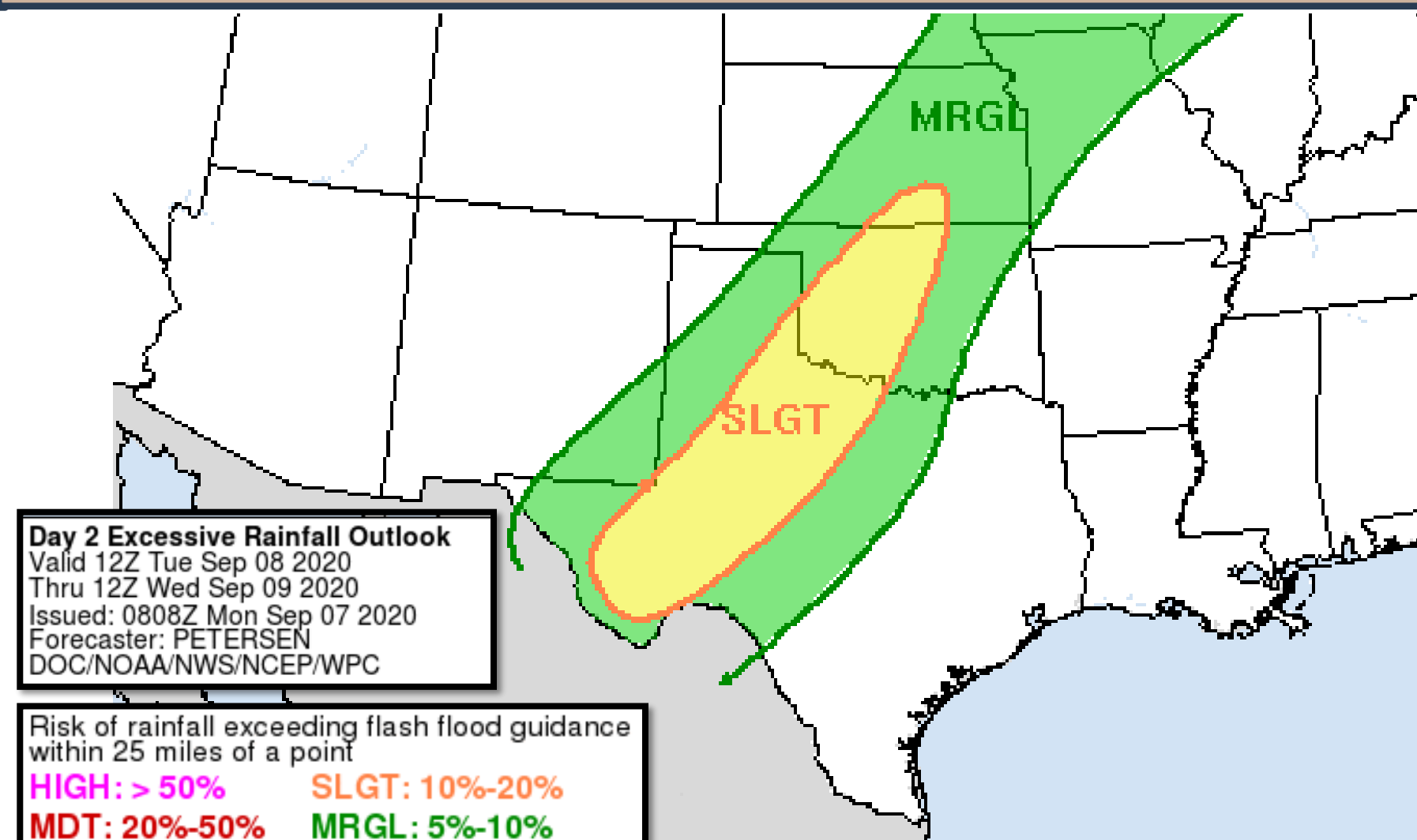
Snow accumulations with travel impacts in N NM.

Little to no snow accumulation for the TX/OK Panhandles; however, windy conditions and record cold temperatures expected.

## Severe Weather Outlook



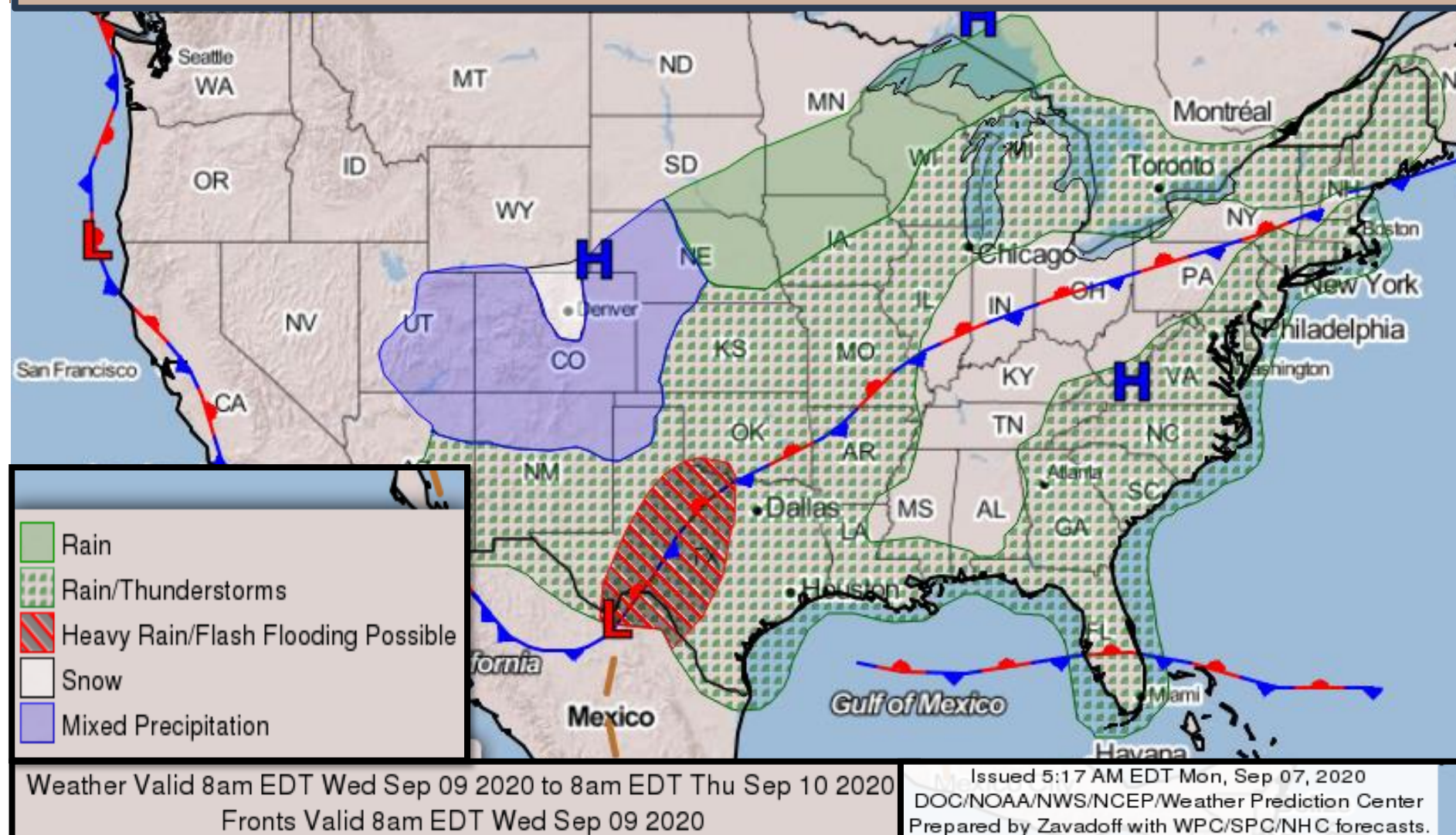
## Excessive Rainfall Outlook



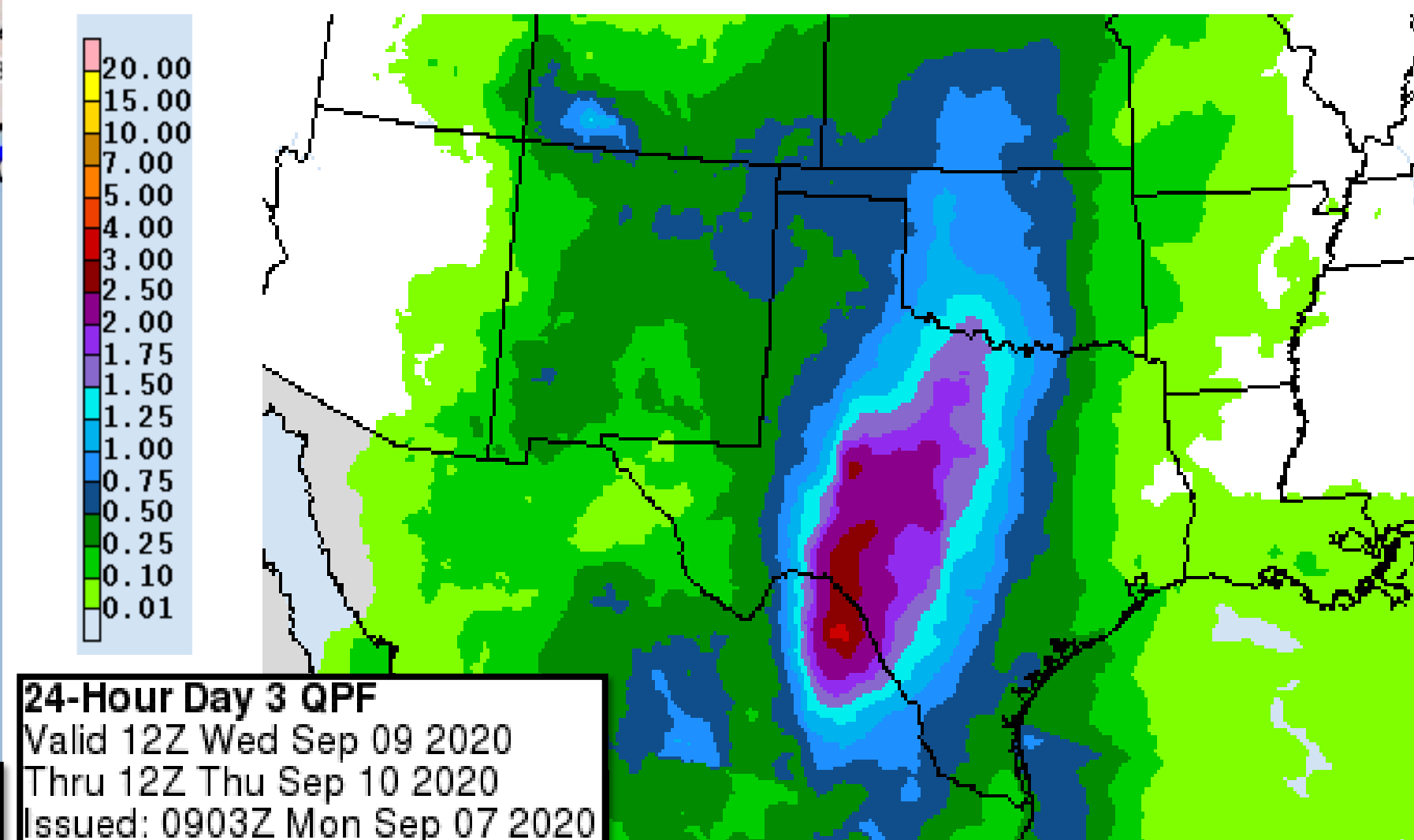


# Wednesday's Weather

## Forecast Chart



## Forecast Rainfall

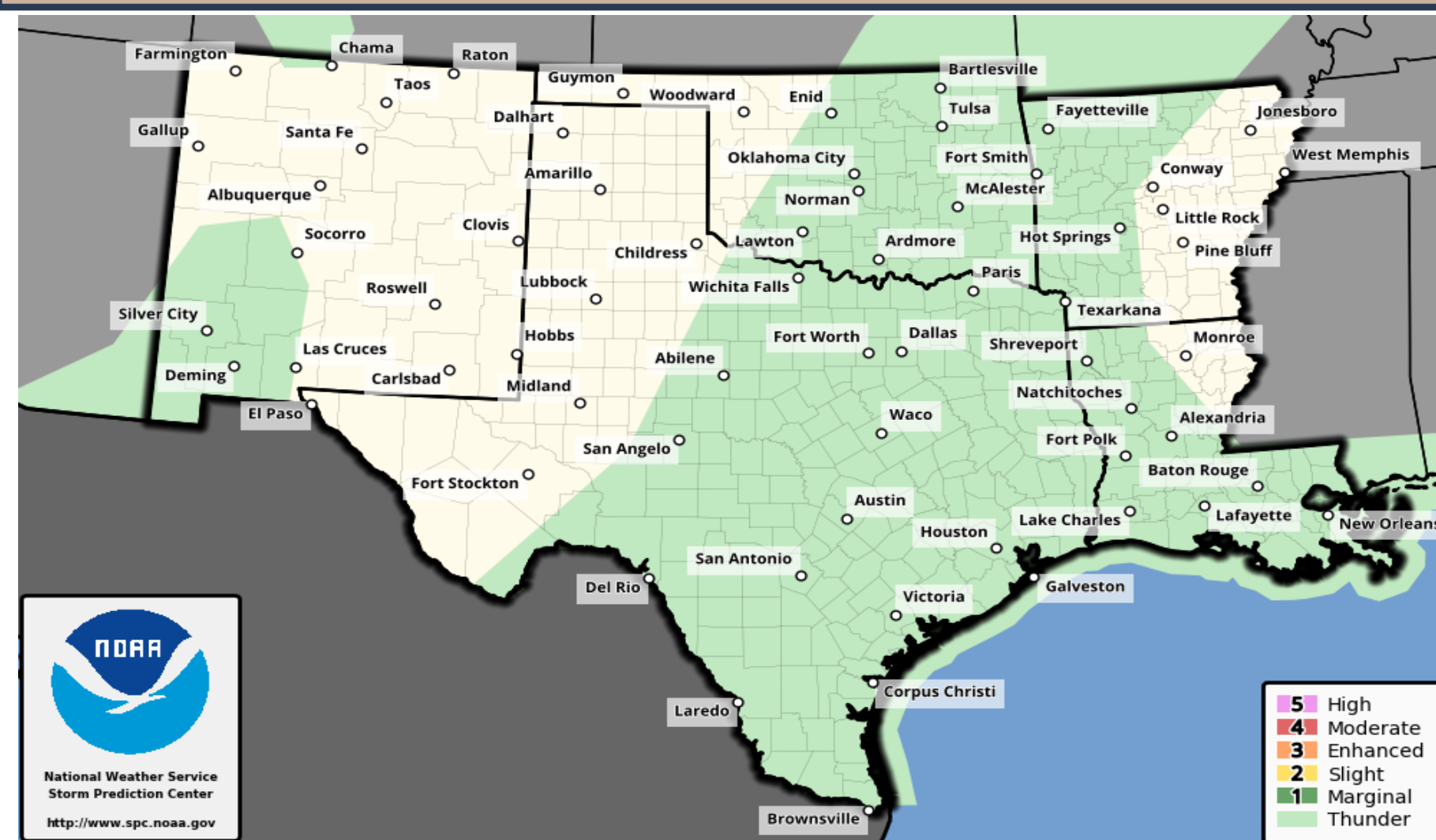


**Areas of heavy rain/flash flooding across SW OK into west and northwest TX.**

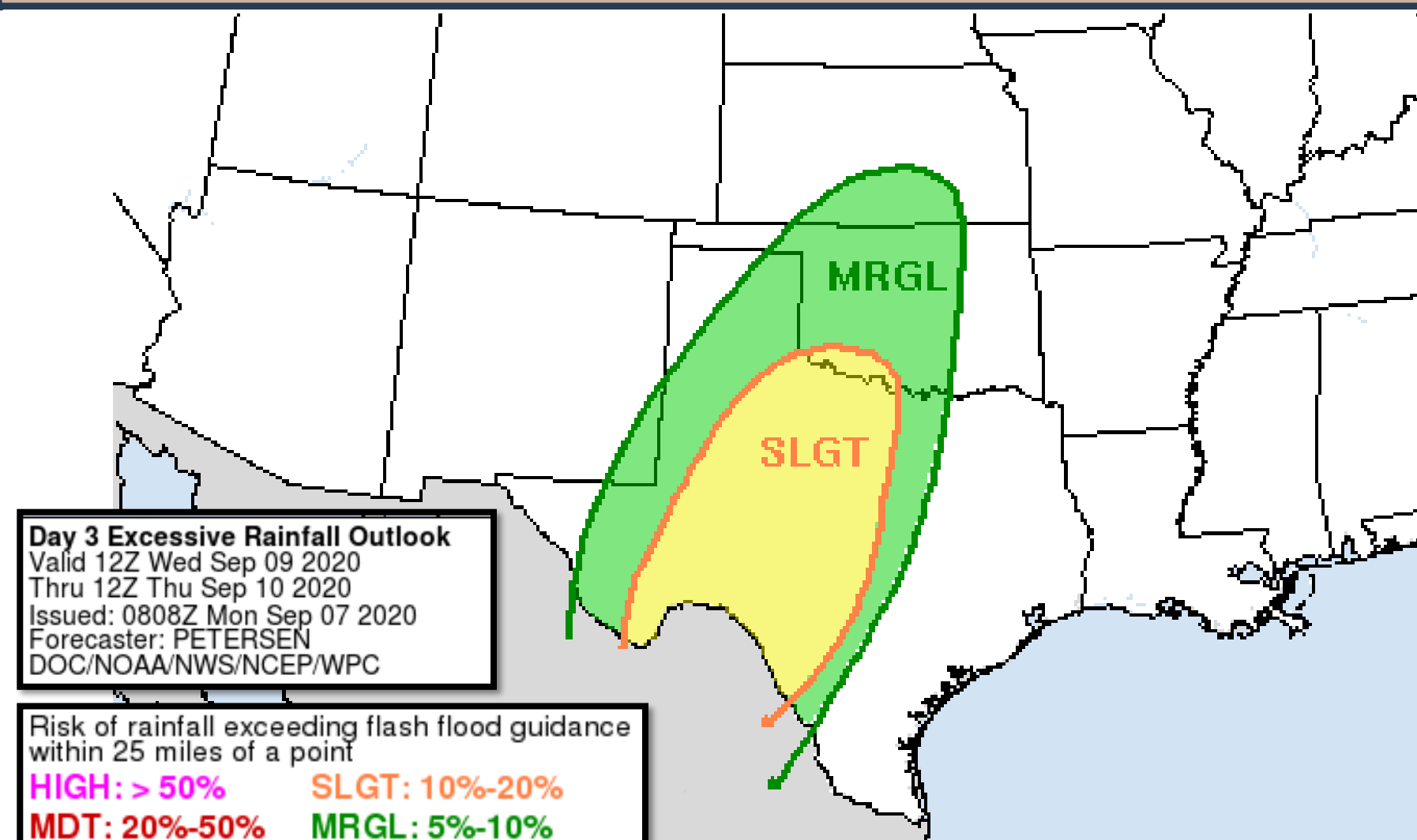
**Snow accumulations with travel impacts in N NM.**

**Little to no snow accumulation for the TX/OK Panhandles; however, windy conditions and record cold temperatures expected.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Days 4-5 Weather Hazards

Thursday - Friday



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No significant weather expected.



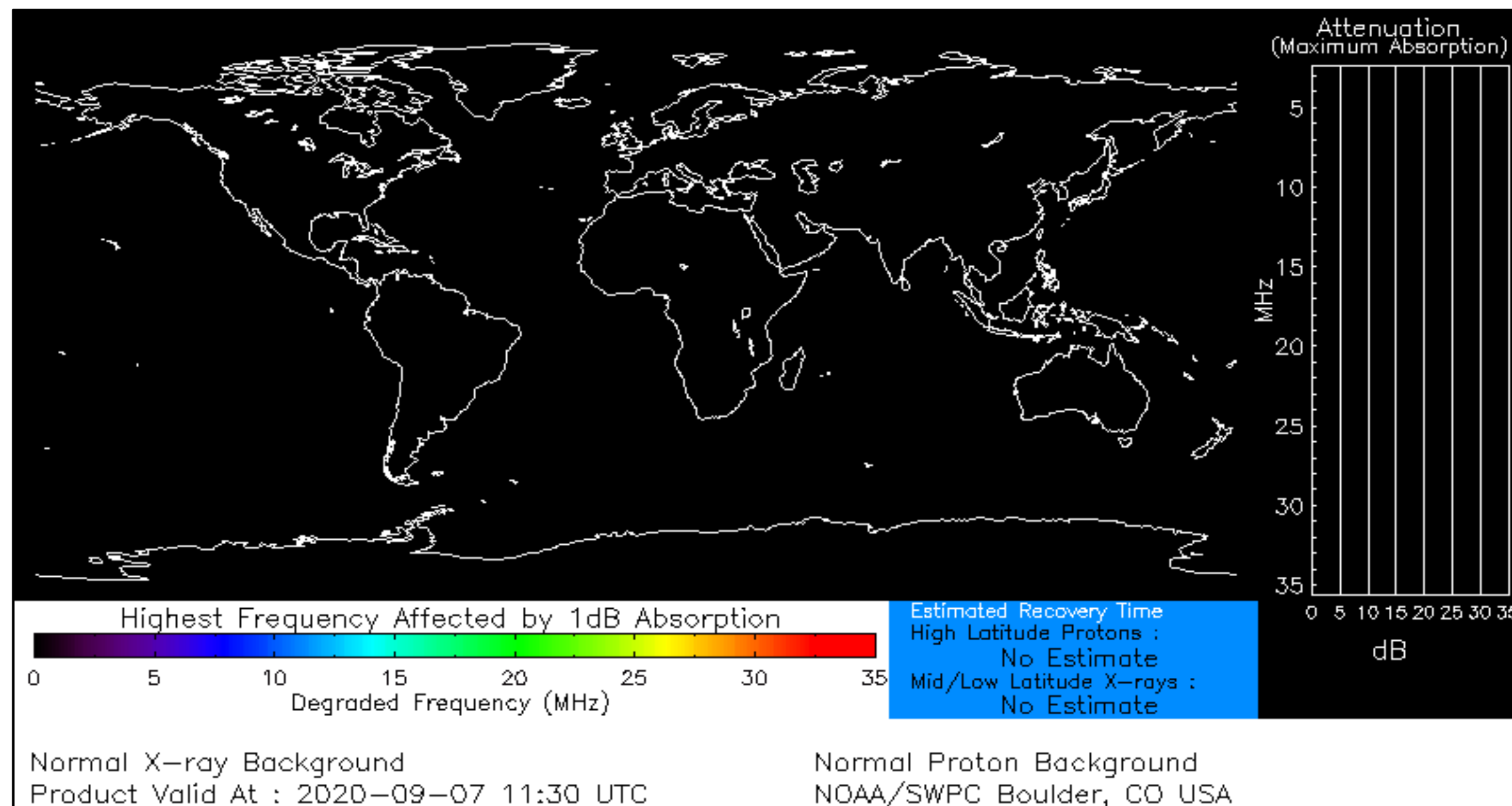


# Space Weather 3-Day Forecast



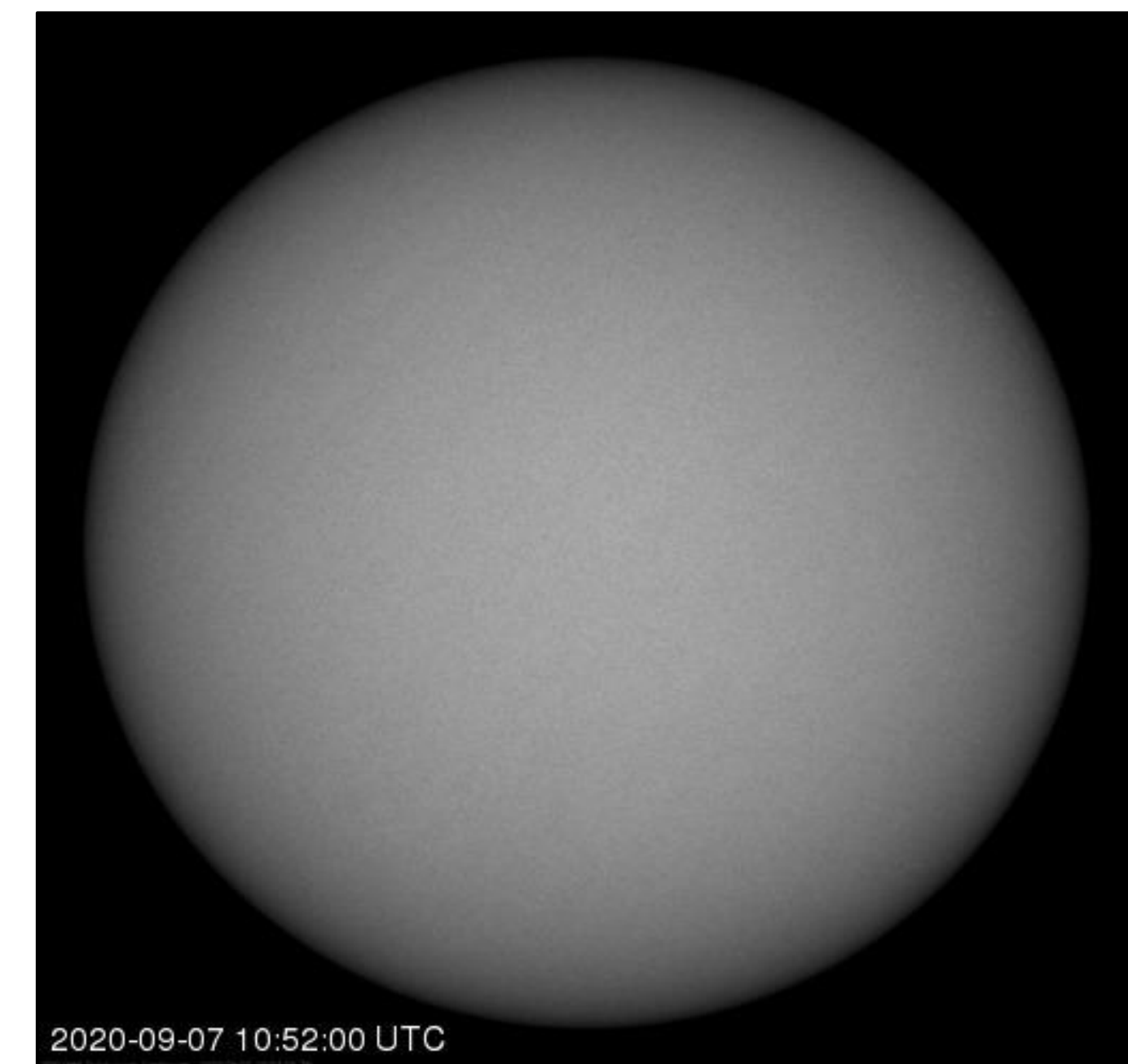
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	Monday	Tuesday	Wednesday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R1-R2)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**